

432-1528

9/18/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Richard M. Gorrell  
Bayer Environmental Science  
P.O. Box 12014  
2 T.W. Alexandria Drive  
Research Triangle Park, NC 27709

SEP 18 2013

Subject: Notification; Per PR-Notice 98-10  
Esplanade Muni (Using Alternate Brand Name – Esplanade EZ)  
EPA Reg. No. 432-1528  
Date Submitted: September 17, 2013

Dear Mr. Gorrell:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated September 17, 2013 for the product referenced above. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions regarding this letter, please contact me at (703) 306-0415 or [davis.kable@epa.gov](mailto:davis.kable@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis".

Kable Bo Davis  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)



United States  
Environmental Protection Agency  
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 432-1528	2. EPA Product Manager Kable Davis	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Esplanade Muni; ABN - Esplanade EZ	PM#	
5. Name and Address of Applicant (Include ZIP Code) Bayer Environmental Science P.O. Box 12014, 2 T.W. Alexander Drive Research Triangle Park, NC 27709 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b>  SEP 18 2013
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Submitting the Alternate Brand name: Esplanade EZ containing the new brand architecture on the front panel.

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gallon		5. Location of Label Directions <input type="checkbox"/> Container label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Richard M. Gorrell	Title Regulatory Manager	Telephone No. (Include Area Code) (919) 549-2423
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<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			<b>6. Date Application Received (Stamped)</b>
2. Signature <i>Richard M. Gorrell</i>	3. Title Regulatory Manager		
4. Typed Name Richard M. Gorrell	5. Date September 17, 2013		

# Bayer CropScience



September 17, 2013

EPA13RMG0917EsplanadeMuniArch  
FedEx

Mr. Kable Davis  
U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504P)  
Document Processing Desk (REGFEE)  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Bayer CropScience  
2 T.W. Alexander Drive  
RTP, NC 27709  
Phone : 919.549.2000

RE: Esplanade Muni Herbicide (432-1528): Submission of Alternate Brand Name With New Label Architecture

Dear Mr. Davis:

I want to thank you for handling this submission and expediting it so quickly. Bayer Environmental Science (BES) is submitting the Esplanade Muni product label with the alternate brand name Esplanade EZ label to include the new label brand architecture. In the future, Bayer may use this same label architecture with the Esplanade Muni name and the other alternate brands names for Esplanade Muni. The two weeds pictured on the front panel are both listed on the Esplanade Muni label. The reason for showing the text and sample weed pictures is to illustrate that this product controls listed grass and broadleaf weeds both post-emergent and pre-emergent.

This submission contains the following documents:

- 8570-1 Application Form
- Copy of the Esplanade EZ label with New Label Brand Architecture and a copy of the Esplanade Muni Label

If you have any questions, contact me at (919) 549-2423 or email me at [mike.gorrell@bayercropscience.com](mailto:mike.gorrell@bayercropscience.com).

Sincerely,

Richard M. Gorrell  
Manager, Registrations

Incl.

Cc Karen Shearer (Bayer)  
Matt Nespeca (Bayer)

NOTIFICATION  
SEP 18 2013



# EsplAnade® EZ

Non-selective control of emerged and pre-emerged grasses and broadleaf weeds in Non-Crop Areas including: Paths, Parking Lots, Curbs, Sidewalks, Driveways, Around Buildings, Gravel areas, Loading Ramps, Educational Facilities, Storage Yards, Vacant Lots, Railroad and Rail Yards, Managed Roadsides, Fence Rows, Utilities, Parks, Hardscapes (including crack and crevice), Industrial, Municipal, Mulched Areas, and Government Sites

- Dual Action formula kills existing weeds & grasses plus Prevents New Weeds & grasses for up to 6 months
- Rainproof in 30 minutes
- Visible Results in Hours
- Simple, Convenient, Easy to use
- An easier way to manage large areas of unwanted weeds & grasses

**ACTIVE INGREDIENTS:**

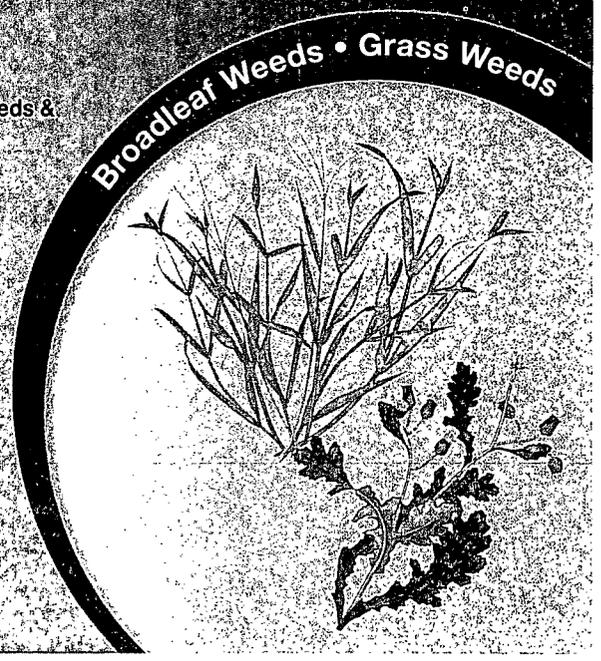
Indaziflam	0.089%
Diquat dibromide	0.890%
Glyphosate isopropylamine salt	20.460%
<b>OTHER INGREDIENTS</b>	<b>78.561%</b>
<b>TOTAL</b>	<b>100.00%</b>

EPA Reg. No. 432-1528

## KEEP OUT OF REACH OF CHILDREN CAUTION

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not allow people or pets to enter the treated area until sprays have dried.

Net Contents  
**2.5 Gallons**  
80905653  
80982399A 130122AV4



<b>FIRST AID</b>	
<b>If Swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in Eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>NOTE:</b> Have the product container or label with you when calling a poison control center or doctor or going for treatment. <b>You may call toll-free 1-877-229-3763 for medical emergency information.</b>  Active Ingredients: 20.460% glyphosate isopropylamine salt (CAS No. 38641-94-0), 0.890% diquat dibromide (CAS No. 85 00-7), and 0.089% indaziflam (CAS No. 950782-86-2).</p>	

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, and plants. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. This pesticide may impact water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**1. PRODUCT APPLICATION RESTRICTIONS**

- Do not use this product in or around vegetable gardens or in landscaped areas where young plants will soon be planted within 6 months after treatment.
- This product is not intended to be used on turf grass.
- Apply when the air is calm to avoid spray drift onto desirable plants.
- Avoid tracking product onto desirable vegetation - do not walk on treated area until the spray has dried.
- If spraying near the base of established plants (plants that have been in the ground at the same location for two or more years), shield them from spray drift using cardboard, plastic, or other materials. If the spray accidentally contacts a desirable plant, rinse it off immediately with water.
- Note: Do not apply using a steel sprayer, except stainless steel.

**2. USE AMOUNT**

- Apply to small and actively growing weeds. Best results will be achieved when temperatures are above 60 ° F.
- Thoroughly spray existing weeds and the entire area that you want protected.
- Certain hard-to-kill weeds can be re-sprayed 1 month after initial treatment using spot treatment.
- Add 8 -16 oz of product per 1 gallon of water.
- Shake bottle well before use. Add appropriate amounts of water & product to spray tank.

Rate	Add To	Covers
8 fl oz Product	1 gallon of water	500 square feet
16 fl oz Product	1 gallon of water	1000 square feet

Note: Do Not Apply more than a maximum of 5.4 gallons of product per acre per year.

**3. FOR BEST RESULTS****WHEN TO APPLY**

- Spray when weeds are small and actively growing when temperatures are above 60° F and when it is sunny.
- Certain hard-to-kill weeds may be re-treated in 2 weeks using spot application if necessary.
- Disturbing the weed preventative barrier may reduce the effectiveness of this product.
- Rain or watering 30 minutes after application will not wash away effectiveness.
- Under drought conditions, it may be necessary to water the product in. Irrigate to move the residual herbicide into the soil, but not to the point of visible runoff.

**REPLANTING**

- Ornamental bedding plants (annuals, perennials), trees, shrubs, sod & seed may be planted 6 months after application.

**CLEAN UP**

- Triple rinse the spray tank and flush all sprayer components with water to remove residual product. Empty the rinse water onto bare soil or gravel.

**4. WHAT IT DOES**

This product contains a proven blend of weed & grass killers to kill existing weeds & grasses plus a proprietary residual herbicide to keep new ones from coming back. Existing weeds & grasses begin to wilt & die within hours and new ones will not grow for up to 6 months.

**5. WERE TO USE**

Non-selective control of emerged and pre-emerged grasses and broadleaf weeds in Non-Crop Areas including, Paths, Parking Lots, Curbs, Sidewalks, Driveways, Around Buildings, Educational Facilities, Gravel Areas, Loading Ramps, Storage Yards, Vacant Lots, Railroad and Rail Yards, Managed Roadsides, Fence Rows, Utilities, Parks, Hardscapes (including crack and crevice), Industrial, Municipal, Mulched Areas, and Government Sites.

**6. WEEDS CONTROLLED**

Broadleaf Weeds	Scientific Name	Broadleaf Weeds	Scientific Name
Chickweed, Common	<i>Stellaria media</i>	Lambsquarters, common	<i>Chenopodium album</i>
Chickweed, Mouse-ear	<i>Cerastium vulgatum</i>	Lespedeza, Serecia	<i>Lespedeza cuneata</i>
Clover, White	<i>Trifolium repens</i>	London rocket	<i>Sisymbrium irio</i>
Corn speedwell	<i>Veronica arvensis</i>	Mustard, Wild	<i>Sinapis arvensis</i>
Curly dock	<i>Rumex crispus</i>	Spotted spurge	<i>Euphorbia maculata</i>
Evening primrose, Cutleaf	<i>Oenothera laciniata</i>	Prostrate spurge	<i>Euphorbia humifusa</i>
Dandelion, Common	<i>Taraxacum officinale</i>	Ragweed, Common	<i>Ambrosia artemisiifolia</i>
Filaree, redstem	<i>Erodium cicutarium</i>	Redroot pigweed	<i>Amaranthus retroflexus</i>
Fleabane, blackleaved	<i>Conyza bonariensis</i>	Shepherd's-purse	<i>Capsella bursa-pastoris</i>
Florida pusley	<i>Richardia scabra</i>	Sida, Prickly / Teaweed	<i>Sida spinosa</i>
Gromwell, Yellow	<i>Amsinckia calycina</i>	Sowthistle, Annual	<i>Sonchus olerachus</i>
Groundsel, common	<i>Senecio vulgaris</i>	Sunflower, Common	<i>Helianthus spp.</i>
Hairy fleabane	<i>Erigeron bonariensis</i>	Velvetleaf	<i>Abutilon theophrasti</i>
Henbit	<i>Lamium amplexicaule</i>	Vetch, Common	<i>Vicia sativa</i>
Horseweed/Marestail	<i>Erigeron canadensis</i>	Wild mustard	<i>Sinapis arvensis</i>
Kochia	<i>Kochia scoparia</i>		
Grass Weeds	Scientific Name	Grass Weeds	Scientific Name
Annual bluegrass/ 'Poa'	<i>Poa annua</i>	Foxtail, Giant	<i>Setaria faberi</i>
Barnyardgrass, common	<i>Echinochloa crus-galli</i>	Foxtail, Green	<i>Setaria viridis</i>
Cheatgrass	<i>Bromus secalinus</i>	Foxtail, Yellow	<i>Setaria glauca</i>
Crabgrass	<i>Digitaria sp</i>	Goosegrass	<i>Eleusine indica</i>
Crabgrass, Large/Hairy	<i>Digitaria sanguinalis</i>	Ryegrass, Italian	<i>Lolium multiflorum</i>
Crabgrass, Smooth	<i>Digitaria ischaemum</i>	Ryegrass, Perennial	<i>Lolium perenne</i>
Foxtail brome	<i>Bromus rubens</i>		

**ESPLANADE EZ AROUND ORNAMENTALS**

Avoid contact of ESPLANADE EZ with foliage, stems, green bark, or bare roots of turfgrasses, trees, shrubs, or other listed desirable vegetation, since severe damage may result. If spraying areas adjacent to desirable plants with ESPLANADE EZ, use a shield while spraying to help prevent spray from contacting foliage of desirable plants.

When spraying around the base of established plants (plants that have been in the ground at the same location for two or more years), shield them from spray drift using cardboard, plastic, or other materials. If the spray accidentally contacts a desirable plant, rinse it off immediately with water.

When tank mixing with other products, it is the responsibility of the end-user/applicator to ensure that the tank-mix partner is registered in the state where the application is being made.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Protect ESPLANADE EZ, from freezing temperatures.

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous.

Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available or reconditioning, if appropriate. Then puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

### IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience LP is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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Bayer

Produced for:  
Bayer Environmental Science  
A Division of Bayer CropScience LP  
2 T. W. Alexander Drive  
Research Triangle Park, NC 27709